

Not for student use.
Use in conjunction with a paper
mathematics item sampler.

Minnesota Comprehensive Assessments-Series III

Mathematics Item Sampler Script
Grade 4

ITEM SAMPLERS ARE NOT SECURE TEST MATERIALS. THIS ITEM
SAMPLER SCRIPT MAY BE COPIED OR DUPLICATED.

**MINNESOTA COMPREHENSIVE ASSESSMENTS
ITEM SAMPLER
GRADE 4 MATHEMATICS SCRIPT**

INSTRUCTIONS CONTAINED IN THE ITEM SAMPLER REFLECT THE CONTENT OF THE ACTUAL TEST AND MAY NOT APPLY TO THE ADMINISTRATION OF THE ITEM SAMPLER.

This script is for the Test Monitor only; it is not for students. This script is the **only** source a Test Monitor may use to read the Mathematics MCA test to students. **This script must be used in conjunction with the grade 4 Mathematics MCA regular print, large print, or Braille test book.** For Braille, Test Monitors should also refer to the *Test Administrator Notes* included with the Braille test book.

GENERAL INSTRUCTIONS FOR TEST MONITORS:

- Prior to test administration, review the *Test Monitor and Student Directions for Paper Accommodations for MCA* for detailed policy and procedure information for test administration (e.g., stopping testing for the day).
- Before students start the test, read the applicable from the *Test Monitor and Student Directions for Paper Accommodations for MCA* to students to instruct them about testing procedures.
- Read aloud to students **ONLY** what is in BOLD TYPE.

Say the following before you begin reading the questions on the next page:

After I read each question, I will pause for as much time as you need to answer the question. Then I will read the next question. You may ask me to repeat any question as many times as you need.

READ ONLY WHAT IS IN BOLD TYPE

GRADE 4 MATHEMATICS MCA SCRIPT
SEGMENT 1

We will now begin Segment One (1). You **MAY NOT** use a calculator for this segment.

Question number one (1):

There are thirty-five (35) students going on a class trip. The students ride in vans. There are seven (7) students riding in each van. How many vans are needed to take all the students?

Choose answer A, B, C, or D.

Question number two (2):

A truck has fifty (50) boxes of jump ropes. Each box contains one hundred (100) jump ropes. How many jump ropes are on the truck?

Choose answer A, B, C, or D.

Question number three (3):

Two numbers are multiplied together.

Which digit goes in the box?

Choose answer A, B, C, or D.

Question number four (4):

Divide (the expression shown).

Choose answer A, B, C, or D.

Question number five (5):

What is nine point five eight two (9.582) rounded to the nearest tenth?

Choose answer A, B, C, or D.

Question number six (6):

Robert has fifty-four (54) pencils. He has one (1) box of pencils and three (3) packages of pencils. The box has twenty-four (24) pencils. Which equation can be used to find p , the number of pencils in each package?

Choose answer A, B, C, or D.

Question number seven (7):

A figure is shown.

Which shows a ninety degree (90°) counterclockwise rotation of the figure?

Choose answer A, B, C, or D.

STOP

This is the end of Segment One (1) of your mathematics test.

If you want to check your answers, you may do so now. You may ask me to repeat any question. You will not be able to come back to these questions later.

Pause while the student checks his or her answers.

After you have checked your answers, seal this segment of your test book.

READ ONLY WHAT IS IN BOLD TYPE

GRADE 4 MATHEMATICS MCA SCRIPT
SEGMENT 2

We will now begin Segment Two (2). You **MAY** use a calculator for this segment.

Question number eight (8):

A fraction model is shown.

Which shows an equivalent fraction?

Choose answer A, B, C, or D.

Question number nine (9):

Which point is shown at two-thirds ($\frac{2}{3}$)?

From left to right, the top of the figure reads: “W,” “X,” “Y,” “Z.”

Choose one of the following answers. (Read answers aloud.)

- A. *W***
- B. *X***
- C. *Y***
- D. *Z***

Question number ten (10):

In the number shown, which digit is in the hundredths place?

Choose answer A, B, C, or D.

Question number eleven (11):

Which shape is a rhombus?

Choose answer A, B, C, or D.

Question number twelve (12):

An angle is shown.

Which describes the angle?

Choose one of the following answers. (Read answers aloud.)

- A. Acute**
- B. Obtuse**
- C. Right**
- D. Straight**

Question number thirteen (13):

The shape of a floor is shown.

Clockwise from the top, the figure reads: “eight feet (8 ft.),” “five feet (5 ft.),” “fifteen feet (15 ft.),” “twelve feet (12 ft.).”

What is the area of the floor?

Choose one of the following answers. (Read answers aloud.)

- A. Forty square feet (40 sq. ft.)**
 - B. One hundred thirty-one square feet (131 sq. ft.)**
 - C. One hundred seventy-one square feet (171 sq. ft.)**
 - D. One hundred eighty square feet (180 sq. ft.)**
-

Question number fourteen (14):

A shape is shown.

Which shows a translation of the shape over the line?

Choose answer A, B, C, or D.

Question number fifteen (15):

A student creates a timeline for a history project. Which shows a timeline?

Choose answer A, B, C, or D.

Question number sixteen (16):

A camping group bought fifteen (15) sleeping bags that cost forty-two dollars (\$42) each and a tent that cost one hundred sixty dollars (\$160). What was the total cost of the sleeping bags and the tent?

Choose one of the following answers. (Read answers aloud.)

- A. Two hundred seventeen dollars (\$217)**
 - B. Six hundred thirty dollars (\$630)**
 - C. Seven hundred ninety dollars (\$790)**
 - D. Two thousand four hundred forty-two dollars (\$2,442)**
-

Question number seventeen (17):

Jason has eight (8) cupcakes.

He eats one-eighth ($\frac{1}{8}$) of the cupcakes and gives two-eighths ($\frac{2}{8}$) of the cupcakes to his friends. What fraction of the cupcakes are left?

Choose answer A, B, C, or D.

Question number eighteen (18):

A decimal number is shown on a grid.

Which number is less than the number shown on the grid?

Choose answer A, B, C, or D.

Question number nineteen (19):

Which fraction is equivalent to zero point two three (0.23)?

Choose answer A, B, C, or D.

Question number twenty (20):

A table is shown.

The table has three (3) rows and two (2) columns. The column headings are labeled from left to right: “*f*,” “*g*.”

What rule was used to make the table?

Choose answer A, B, C, or D.

Question number twenty-one (21):

An equation is shown.

Which symbol makes the equation true?

Choose answer A, B, C, or D.

Question number twenty-two (22):

Which statement is true about an obtuse triangle?

Choose one of the following answers. (Read answers aloud.)

- A. It has two (2) acute angles.**
 - B. It has two (2) obtuse angles.**
 - C. It can be a right triangle.**
 - D. It can be an acute triangle.**
-

Question number twenty-three (23):

Which shows a line of symmetry?

Choose answer A, B, C, or D.

Question number twenty-four (24):

Kira is using one (1)-inch square tiles to cover a table top. The table top is twenty-four (24) inches long and eighteen (18) inches wide. She lays the tiles into strips of six (6).

How many strips of tiles will Kira need to cover the table with no gaps or overlaps?

Choose answer A, B, C, or D.

Question number twenty-five (25):

Ron draws a trapezoid, then rotates it ninety degrees (90°).

Which statement is true about the two (2) trapezoids?

Choose one of the following answers. (Read answers aloud.)

- A. They are congruent because all trapezoids are congruent.**
- B. They are congruent because rotating a trapezoid does not change its size and shape.**
- C. They are not congruent because rotating the trapezoid changes its side lengths.**
- D. They are not congruent because rotating the trapezoid changes its angle measures.**

STOP

This is the end of the mathematics test.

If you want to check your answers, you may do so now. You may ask me to repeat any question. You will not be able to come back to these questions later.

Pause while the student checks his or her answers.

After you have checked your answers, seal this segment of your test book.

Collect the test materials from the student as specified in the *Test Monitor and Student Directions for Paper Accommodations for MCA*.

